

Claims

1. A cable tie, comprising:
a strap body having a first end and a second end opposite the first end,
wherein the strap body includes a first group of teeth having a first predetermined depth and a second group of teeth having a second predetermined depth, the first depth being greater than the second depth;
a locking head secured to the first end of the strap body; and
a plurality of walls on the locking head forming a strap body accepting channel.
2. The cable tie of claim 1 wherein the depth of the first group of teeth is between 0.001 and 0.007 inches greater than the depth of the second group of teeth.
3. The cable tie of claim 1 wherein the depth of the first group of teeth is 0.003 inches greater than the depth of the second group of teeth.
4. The cable tie of claim 1 wherein the first group of teeth is adjacent the first end of the strap body.
5. The cable tie of claim 1 wherein the strap body and the locking head are integrally molded of polymeric thermoplastic material.

6. The cable tie of claim 1 wherein the strap body and the locking head are integrally molded of nylon.

7. A method of making a cable tie comprising the steps of:

molding a cable tie comprising a strap body having a first end and a second end opposite the first end, wherein the strap body includes a first group of teeth having a first predetermined depth and a second group of teeth having a second predetermined depth, the first depth being greater than the second depth, and a locking head secured to the first end of the strap body, wherein a plurality of walls on the locking head form a strap body accepting channel.

8. The method of claim 7 wherein the depth of the first group of teeth is between 0.001 and 0.007 inches greater than the depth of the second group of teeth.

9. The method of claim 7 wherein the depth of the first group of teeth is 0.003 inches greater than the depth of the second group of teeth.

10. The method of claim 7 wherein the first group of teeth is adjacent the first end of the strap body.